

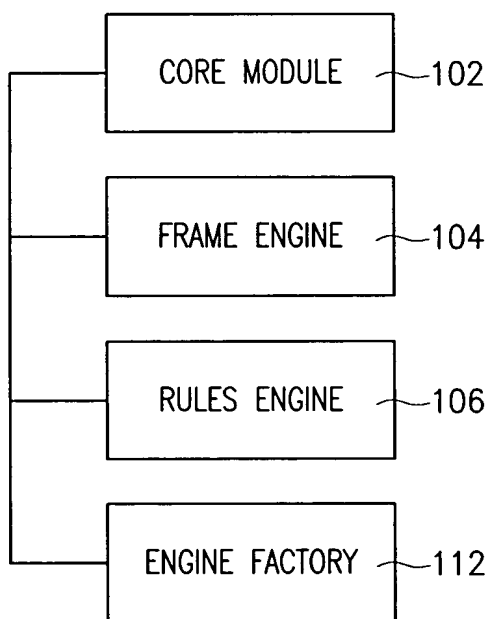


App No.: 10/669,465

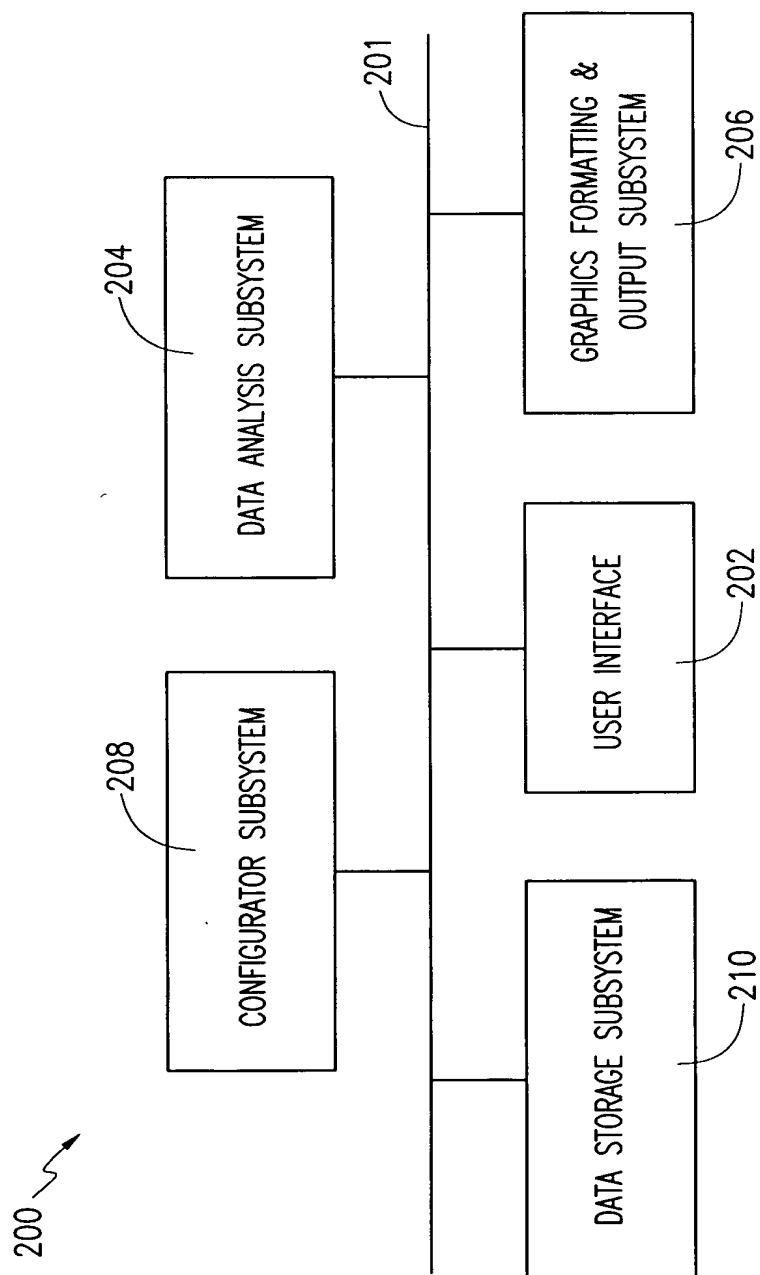
Docket No.: E0710.0000/P001-A

Inventor: Joseph Thompson et al.

Title: AUTOMATED CONFIGURATION SYSTEM AND  
METHOD



**FIG. 1**

**FIG. 2**

		Save     Cancel     Next     Clear     Refresh     Prefs     Adj Price     Cat Pages     Comments     Undo     Redo     Configure																																																									
Item: 0001	Location:	Quantity: 1	Product Selection is Complete																																																								
<div style="float: right; margin-bottom: -20px; font-size: 2em;">12</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Questions</th> <th style="width: 70%;">Answers</th> </tr> </thead> <tbody> <tr><td>Manufacturer</td><td>Window Company A</td></tr> <tr><td>Product Type</td><td>Double Hung Windows</td></tr> <tr><td>Exterior Finish</td><td>Cad</td></tr> <tr><td>Product Category</td><td>Double Hung Windows</td></tr> <tr><td>Product Configuration</td><td>Twin Unit</td></tr> <tr><td>Unit Dimension Width</td><td>4' 4 3/8"</td></tr> <tr><td>Rough Opening Width</td><td>4' 4 7/8"</td></tr> <tr><td>Sash Opening Width</td><td>2' 0"</td></tr> <tr><td>Glass Width</td><td>20"</td></tr> <tr><td>Unit Dimension Height</td><td>3' 0"</td></tr> <tr><td>Rough Opening Height</td><td>3' 0 1/2"</td></tr> <tr><td>Sash Opening Height</td><td>2' 10"</td></tr> <tr><td>Glass Height</td><td>14 9/16"</td></tr> <tr><td>Exterior Finish Color/Option</td><td>White</td></tr> <tr><td>Interior Finish Option</td><td>Natural</td></tr> <tr><td>Jamb Width</td><td>4 9/16"</td></tr> <tr><td>Grille Option</td><td>Colonial</td></tr> <tr><td>Grille Type</td><td>5/8" Wood</td></tr> <tr><td>Lite Layout</td><td>2WZH</td></tr> <tr><td>Glazing method</td><td>3/4" Insulated Glass</td></tr> <tr><td>Glass Type</td><td>Clear IG</td></tr> <tr><td>Tinted Glass Option</td><td>No Tint (Clear)</td></tr> <tr><td>Obscure Glass Option</td><td>Non-Obscure</td></tr> <tr><td>Tempered Glass Option</td><td>Tempered Glass</td></tr> <tr><td>Screen Option</td><td>Aluminum Mesh Screen(s)</td></tr> <tr><td>Screen Frame Color</td><td>White</td></tr> <tr><td>Hardware Color/Finish</td><td>White</td></tr> </tbody> </table>				Questions	Answers	Manufacturer	Window Company A	Product Type	Double Hung Windows	Exterior Finish	Cad	Product Category	Double Hung Windows	Product Configuration	Twin Unit	Unit Dimension Width	4' 4 3/8"	Rough Opening Width	4' 4 7/8"	Sash Opening Width	2' 0"	Glass Width	20"	Unit Dimension Height	3' 0"	Rough Opening Height	3' 0 1/2"	Sash Opening Height	2' 10"	Glass Height	14 9/16"	Exterior Finish Color/Option	White	Interior Finish Option	Natural	Jamb Width	4 9/16"	Grille Option	Colonial	Grille Type	5/8" Wood	Lite Layout	2WZH	Glazing method	3/4" Insulated Glass	Glass Type	Clear IG	Tinted Glass Option	No Tint (Clear)	Obscure Glass Option	Non-Obscure	Tempered Glass Option	Tempered Glass	Screen Option	Aluminum Mesh Screen(s)	Screen Frame Color	White	Hardware Color/Finish	White
Questions	Answers																																																										
Manufacturer	Window Company A																																																										
Product Type	Double Hung Windows																																																										
Exterior Finish	Cad																																																										
Product Category	Double Hung Windows																																																										
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Sash Opening Height	2' 10"																																																										
Glass Height	14 9/16"																																																										
Exterior Finish Color/Option	White																																																										
Interior Finish Option	Natural																																																										
Jamb Width	4 9/16"																																																										
Grille Option	Colonial																																																										
Grille Type	5/8" Wood																																																										
Lite Layout	2WZH																																																										
Glazing method	3/4" Insulated Glass																																																										
Glass Type	Clear IG																																																										
Tinted Glass Option	No Tint (Clear)																																																										
Obscure Glass Option	Non-Obscure																																																										
Tempered Glass Option	Tempered Glass																																																										
Screen Option	Aluminum Mesh Screen(s)																																																										
Screen Frame Color	White																																																										
Hardware Color/Finish	White																																																										
		<b>Amount</b>																																																									
White w/ Clear IG Tempered Insul Glass		530.63																																																									
Colonial 5/8" Wood 2WZH Grilles		53.22																																																									
(2) 2-0x3-2 White Aluminum Mesh Screen(s)		12.60																																																									
<b>Total Price</b>		<b>596.45</b>																																																									

**FIG. 3**

M20

Question	Value
Exterior Finish	Clad
Exterior Finish Color/Option	White
Interior Finish Option	Natural
Jamb Width	4 9/16"
Grille Option	Colonial
Glass Type	Clear IG
Tinted Glass Option	No Tint (Clear)
Screen Option	Aluminum Mesh Screen(s)
Screen Frame Color	White

Assign

Remove Value

Clear Previous Selections

Add/Remove Questions

Library

Load From

Save To

Ok

Cancel

Define Preference Set

Select Preference Questions: 16

Manufacturer

Product Type

Exterior Finish

Product Category

Sash Configuration Type

Produce Configuration

Family Type (for use with)

Standard or Custom Size

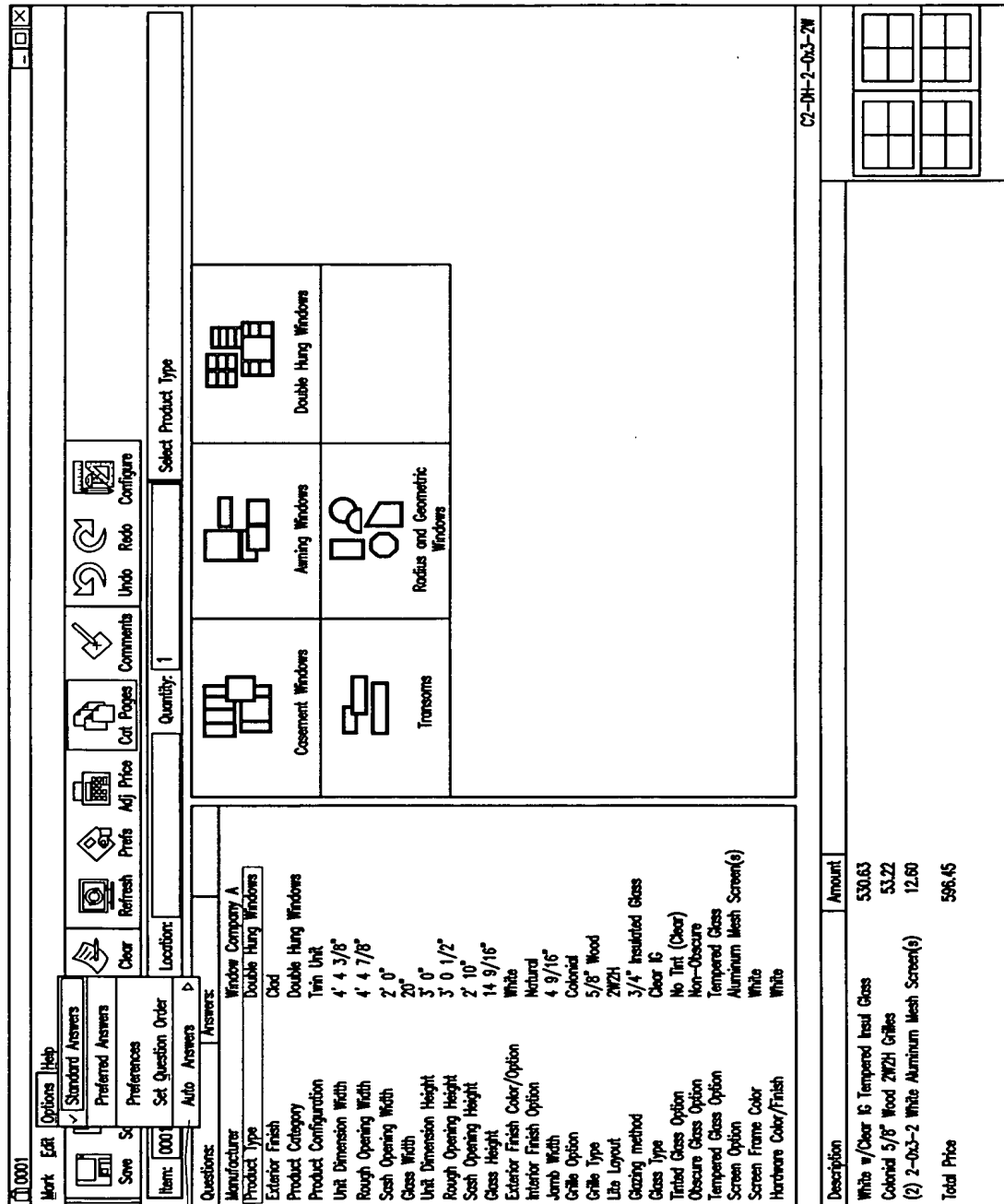
Lower Awning Unit Height

Flanker Unit Width

Ok

Cancel

FIG. 4



**FIG. 5**

0011

Work Edit Options Help

Save

Save To

Cancel

Next

Clear

Refresh

Prefs

Adj Price

Get Prices

Comments

Undo

Redo

Configure

Item: 0011

Location:

Quantity: 1

Select Grille Option

No Grille(s)

Colonial

Prairie

20

22

Questions

Answers

Manufacturer

Window Company A

Product Type

Double Hung Windows

Exterior Finish

Clad

Product Category

Double Hung Windows

Product Configuration

Twin Unit

Unit Dimension Width

4' 4 3/8"

Rough Opening Width

4' 4 7/8"

Sash Opening Width

2' 0"

Glass Width

20"

Unit Dimension Height

3' 0"

Rough Opening Height

3' 0 1/2"

Sash Opening Height

2' 10"

Glass Height

14 9/16"

Exterior Finish Color/Option

White

Interior Finish Option

Natural

Jamb Width

4 9/16"

Grille Option

No Grille(s)

Gazing Method

3/4" Insulated Glass

Glass Type

Clear IG

Tinted Glass Option

No Tint (Clear)

Obscure Glass Option

Non-Obcure

Tempered Glass Option

Tempered Glass

Screen Option

Aluminum Mesh Screen(s)

Screen Frame Color

White

Hardware Color/Finish

White

Description

Amount

White w/Clear IG Tempered Insul Glass

530.63

(2) 2-0x3-2 White Aluminum Mesh Screen(s)

12.80

Total Price

543.23

C2-DH-2-0x3-2W

FIG. 6

0002

Mark Edit Options Help

Save Save To Cancel Next Clear Refresh Prefe Adj Price Cat Pages Comments Undo Redo Configure

Item: 0002 Location: Quantity: 1

Select Exterior Finish Color/Option

Questions:

Product Category

Double Hung Windows

Product Configuration

Twin Unit

Unit Dimension Width

4' 4 3/8"

Rough Opening Width

4' 4 7/8"

Sash Opening Width

2' 0"

Glass Width

20"

Unit Dimension Height

3' 0"

Rough Opening Height

3' 0 1/2"

Sash Opening Height

2' 10"

Glass Height

14 9/16"

Exterior Finish Color/Option

Answers:

White

Brown

C2-DH-2-0x3-2

Description

Item: 0002 Location: Quantity: 1

Select Grille Option

Questions:

Rough Opening Width

4' 4 7/8"

Sash Opening Width

2' 0"

Glass Width

20"

Unit Dimension Height

3' 0"

Rough Opening Height

3' 0 1/2"

Sash Opening Height

2' 10"

Glass Height

14 9/16"

Exterior Finish Color/Option

White

Interior Finish Option

Natural

Jamb Width

4 9/16"

Grille Option

No Grille(s)

Colonial

Prairie

C2-DH-2-0x3-2W

Item: 0002 Location: Quantity: 1

Select Manufacturer

Questions:

Manufacturer

Window Company A

Product Type

Double Hung Windows

Exterior Finish

Clad

Product Category

Double Hung Windows

Product Configuration

Twin Unit

Unit Dimension Width

4' 4 3/8"

Rough Opening Width

4' 4 7/8"

Sash Opening Width

2' 0"

Glass Width

20"

Unit Dimension Height

3' 0"

Rough Opening Height

3' 0 1/2"

Answers:

Window Company A

Window Company B

C2-DH-2-0x3-2W

Description

Amount

White w/Clear IG Tempered Insul Glass

530.63

Colonial 5/8" Wood 2W2H Grilles

53.22

(2) 2-0x3-2 White Aluminum Mesh Screen(s)

12.60

Total Price

596.45

FIG. 7

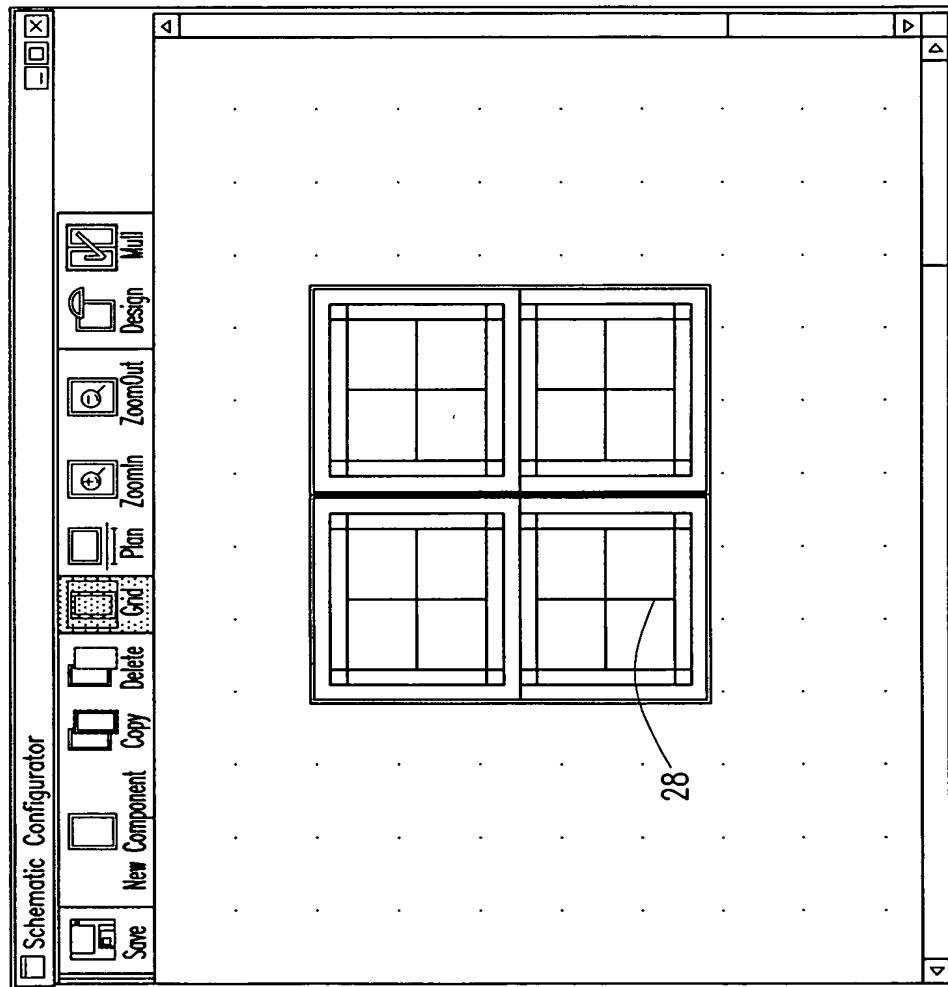
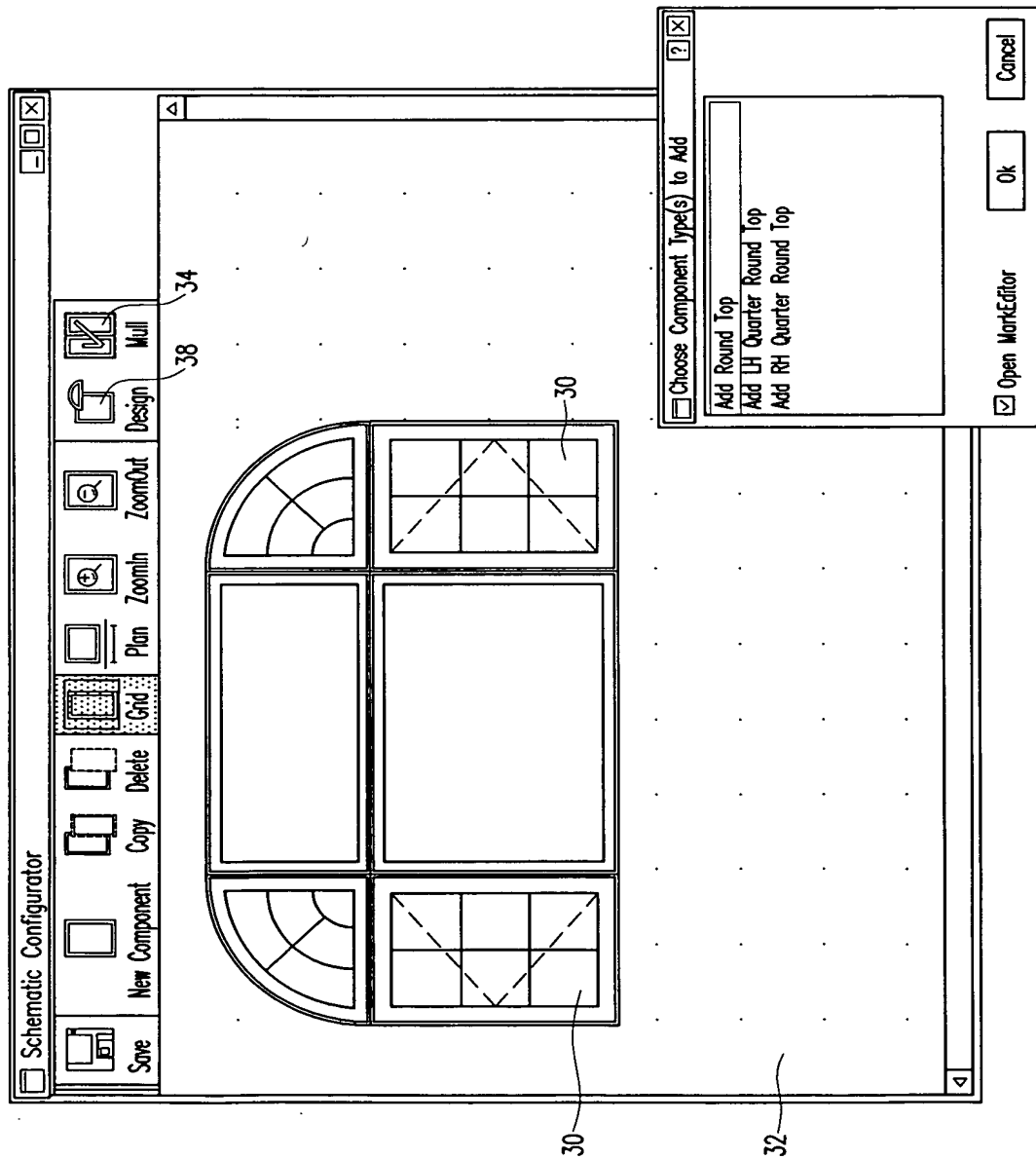


FIG. 8





0011

Mark Edit Options Help

Save

Save To

Cancel

Next

Clear

Refresh

Prints

Adj Price

Out Pages

Comments

Undo

Redo

Configure

Item: 0011

Location:

Quantity: 1

Select Unit Dimension Width

Questions:

Answers:

Manufacturer

Window Company A

Product Type

Double Hung Windows

Exterior Finish

Clad

Product Category

Double Hung Windows

Product Configuration

Single Unit

Unit Dimension Width

Rough Opening Width

Sash Opening Width

Glass Width

Unit Dimension Height

Rough Opening Height

Sash Opening Height

Glass Height

Exterior Finish Color/Option

Interior Finish Option

Jamb Width

Grille Option

Grille Type

Grille Bar Color

Lite Layout

Glazing method

Glass Type

Tinted Glass Option

Obscure Glass Option

Tempered Glass Option

Screen Option

Screen Frame Color

3'0"

1'8"

2'0"

2'4"

2'8"

1-8x3-2

2-0x3-2

2-4x3-2

2-8x3-2

1-8x4-2

2-0x4-2

2-4x4-2

2-8x4-2

1-8x5-2

2-0x5-2

2-4x5-2

2-8x5-2

1-8x6-2

2-0x6-2

2-4x6-2

2-8x6-2

44

40

42

No Product Code

Description

Amount

FIG. 10

Quick Spec

FileEditOptionWindowTutorHelp

ExitQuick SpecProjectsProduct Line ReviewTutor

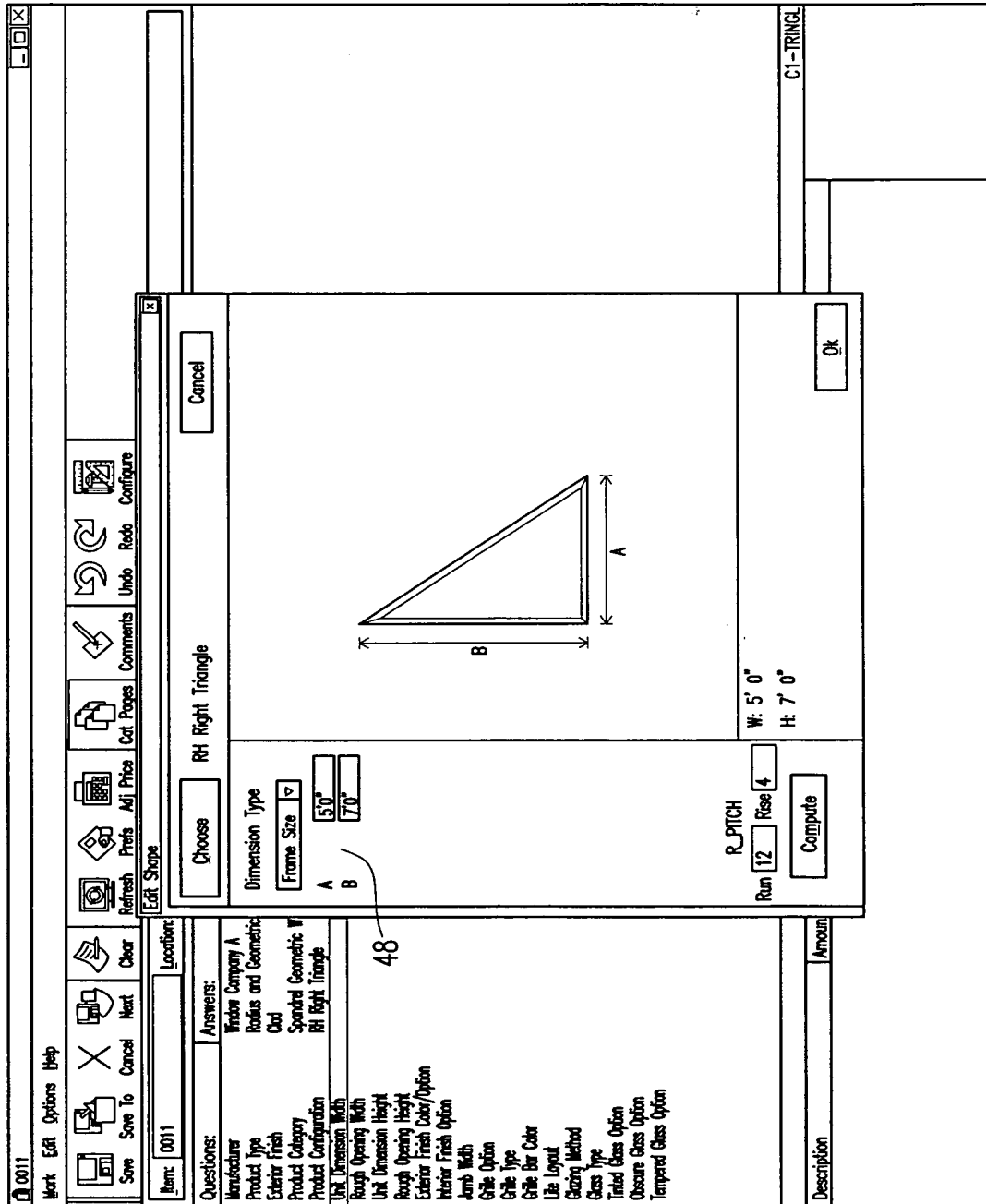
CloseSavePrefsBackForwardClearGuide Form Spec'sAppl & Perf Spec's

SELECT MODEL/CAT NUMCustom:

Lamp Qty.	Cat Number	Freq.	Ballast Type	Lamp Starting	Lamp Config.	Family
1	CJ60MPT	60 Hz	Magnetic	Preheat	N/A	UNIVERSAL
	CJ40MPT	40 Hz	Magnetic	Preheat	N/A	UNIVERSAL
	CJ45MPT	40 Hz	Magnetic	Preheat	N/A	UNIVERSAL

Prefs: OnHint:

FIG. 11



**FIG. 12**

0001

Mark

Edit

Options

Help

Save

Save To

Cancel

Clear

Next

Refresh

Prints

Adj Price

Configure

Comments

Undo

Redo

Item: 0001

Locations:

Quantity: 1

Product Selection is Complete

Questions:

Answers:

Manufacturer

Window Company A

Product Type

Double Hung Windows

Exterior Finish

Cad

Product Category

Double Hung Windows

Product Configuration

Twin Unit

Unit Dimension Width

4' 4 3/8"

Rough Opening Width

4' 4 7/8"

Sash Opening Width

2' 0"

Glass Width

20"

Unit Dimension Height

3' 0"

Rough Opening Height

3' 0 1/2"

Sash Opening Height

2' 10"

Glass Height

14 9/16"

Exterior Finish Color/Option

White

Interior Finish Option

White

Jamb Width

4 9/16"

Grille Option

Colonial

Grille Type

5/8" Wood

Lite Layout

2W2H

Glazing method

3/4" Insulated Glass

Glass Type

Clear IG

Tinted Glass Option

No Tint (Clear)

Obscure Glass Option

Non-Obcure

Tempered Glass Option

Tempered Glass

Screen Option

Aluminum Mesh Screen(s)

Screen Frame Color

White

Hardware Color/Finish

White

Description

Amount

White w/Clear IG Tempered Insul Glass

530.63

Colonial 5/8" Wood 2W2H Grilles

53.22

(2) 2-0x3-2 White Aluminum Mesh Screen(s)

12.60

Total Price

596.45

50,52

C2-DH-2-0x3-2W

FIG. 13

53

<input type="checkbox"/> Edit Mark-Accessories	
<input type="button" value="Close"/> <input type="button" value="Debug"/> <input type="button" value="Undo"/>	
Questions/Selections	
Application Category Length Number Length	Casement Mulling Custom (cut by the foot) 15" Bow Mullion WHITE 3"
Answers	Enter Length in Inches
Custom Answer	3"
Shopping Cart	Quantity Price
Item #778 15" Bow Mullion - WHITE, 3" inches	1 5.10
New Del	
Edit Status:	

**FIG. 14**

56

Items	Adjustments
Double Hung Windows	none
Prairie Grilles	none
Colonial Grilles	-15.0000%

Adjustment Type

☐ none

☐ x multiplier

☐ \$ flat rate

☒ % percentage

Amount

-15

Begin Date

☐ Enable

Oct 4 2000

End Date

☐ Enable

Oct 4 2000

Ok Cancel

FIG. 15

Order Form Viewer

EdgeNet, Inc

Customer

Ray Hill

Purchaser

Ray Hill

Page

of

Unit Order Form

Location

461 Ocean Blvd  
Integrity CA 30556

Job Name

Pillsbury Residence

Ship Date

SF

Quote #

P.O. #

Date

Wed Oct 04 2000

Discount

Previous Page

Next Page

Print

Close

QTY.	Product Code RO Width X Height (1)	Ext. Finish (2)	Hinge (3)	PAS/ RDG (4)	Grille/Divided Light(6)	Jamb Width(7)	Int. Prime (8)	Screen(9)	Hard- Ware (10)	Balance/Track (11)	Ext. Trim(12)	Arched Casing (13)	ELEV Code			
			Type	Style	Pattern	Bar	LS IN	Color	Type	Mesh	W	IP	Style	Type	Size	Style
	STANDARD UNITS															
1	C2-QS-1-8x3-OW	WH	LR	OPD		1 3/8"		WH	AM							
1	C12-MW-2-4x1-8W	WH	S/N	OPD		4 9/16"		WH	AM							
1	C2-DH-2-0x3-2W	WH		OPD		1 3/8"		WH	AM	K	PWR					
	Prep For Stool															
1	C2-QS-1-8x3-OW	WH	LR	OPD		1 3/8"		WH	AM							

26

FIG. 16



Order Form Viewer

000006 Pricing Quote/Long Form Wed Oct 04 2000

**edgenet** EdgeNet, Inc.  
6 Cadillac Dr., Suite 260  
Brentwood, TN 37027  
(877) EDGENET

DATE: Wed Oct 04 2000

QUOTE: 000006 CUSTOMER: Ray Hill PROJECT: Pillsbury Residence  
SALES REP: Jack Spradigan PO#: CONTACT: Ray Hill  
TERMS: Net 30 Days PHONE: (770) 876-3425  
COMMENTS: ADDRESS: 461 Ocean Blvd.  
Integrity GA 30556  
Delivery/Pickup: Delivery

EdgeNet, Inc. PROPOSES TO FURNISH PRODUCTS AS STATED BELOW.

ITEM	LOCATION	PRODUCT CODE	UNIT PRICE	QTY	TOTAL PRICE
FRAME SIZE		DESCRIPTION			
0001		MANUFACTURER: Window Company A		1	
Frame Size=3' 4" Wx3' 0"H		C2-CAS-1-8x3-0W			
RO SIZE=3' 4 3/4" Wx3' 0 1/2"H		Clad Wood Casement Windows Twin Unit (2-Wide)			
		White Exterior Finish			
		Natural Interior Finish			
		Handing: LR			
		4 9/16" Jamb Width			
		Tempered Clear IG			
		White Regular Handle			
		White w/Clear IG Tempered Insul Glass	\$	517.16	
		Colonial 5/8" Wood 2W3H Grilles	\$	53.49	
		(2) 1-8x3-0 White Aluminum Mesh Screen(s)	\$	33.58	
			\$	604.23	\$ 604.23

28

53 60

Previous

Next Page

Print

Close

FIG. 17

Order Form Viewer

Previous Page

Next Page

Print

Close

Project Schedule-Pillsbury Residence								
Item	Product Code	Quantity	Finish	Product Type	Configuration	RO Width	RO Height	Jamb
0005	C2-CAS-1-8x3-OW	1	White	Casement Windows	Twin Unit (2-Wide)	3' 4 3/4"	3' 0 1/2"	
0003	C2-DH-2-0x3-2W	1	White	Double Hung Windows	Twin Unit	4' 4 7/8"	3' 0 1/2"	
0002	C12-AWN-2-4x1-8W	1	White	Awning Windows	One-Wide/Two-High Unit	2' 4 1/2"	3' 4 1/2"	
0001	C2-CAS-1-8x3-OW	1	White	Casement Windows	Twin Unit (2-Wide)	3' 4 3/4"	3' 0 1/2"	

FIG. 18

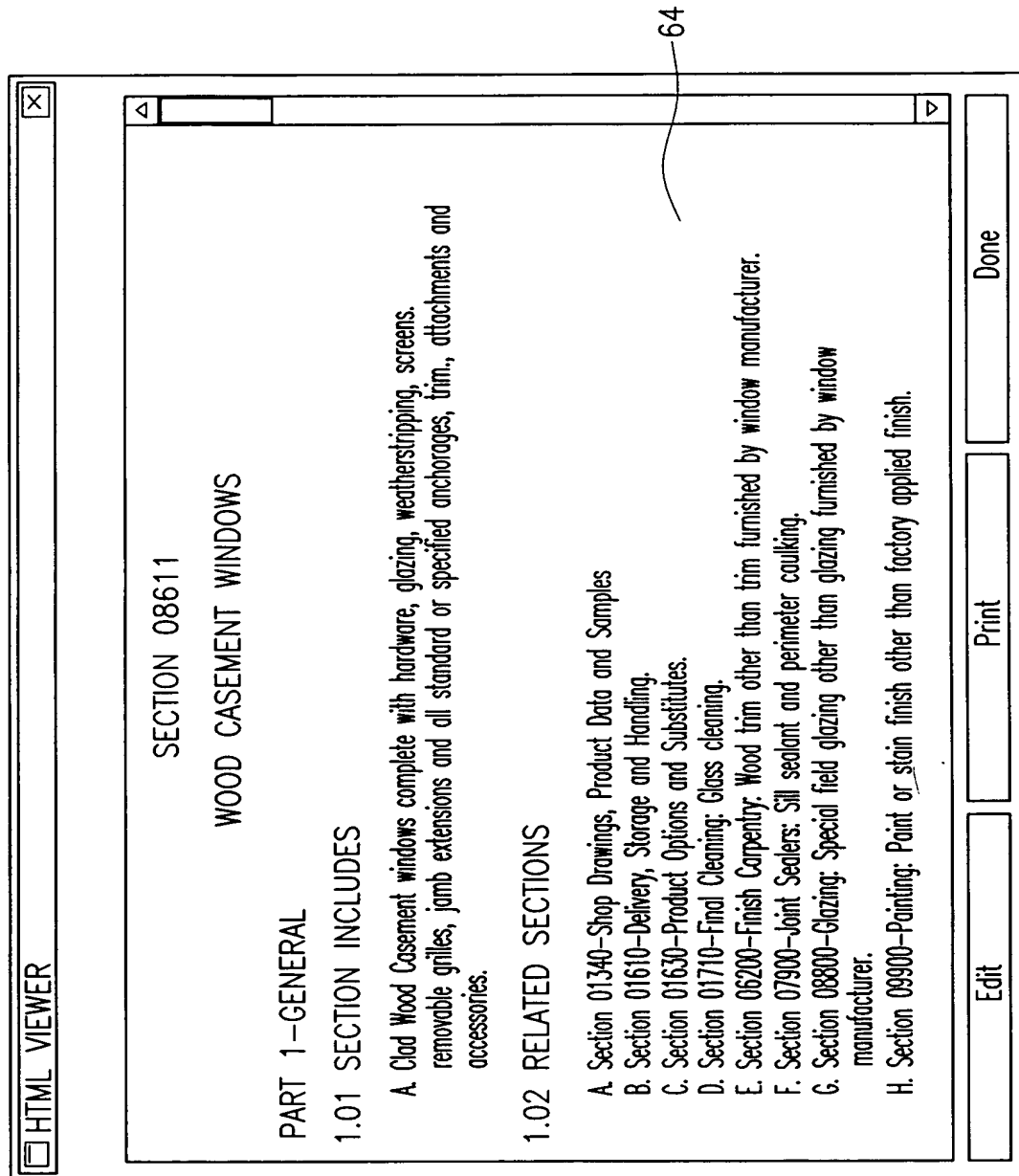


FIG. 19

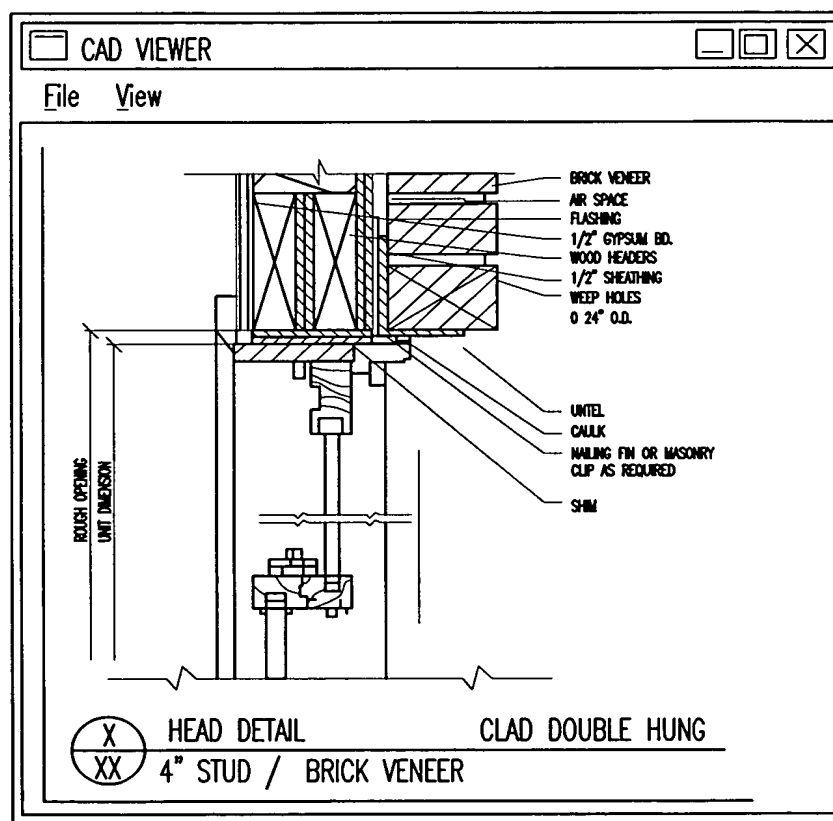


FIG. 20a

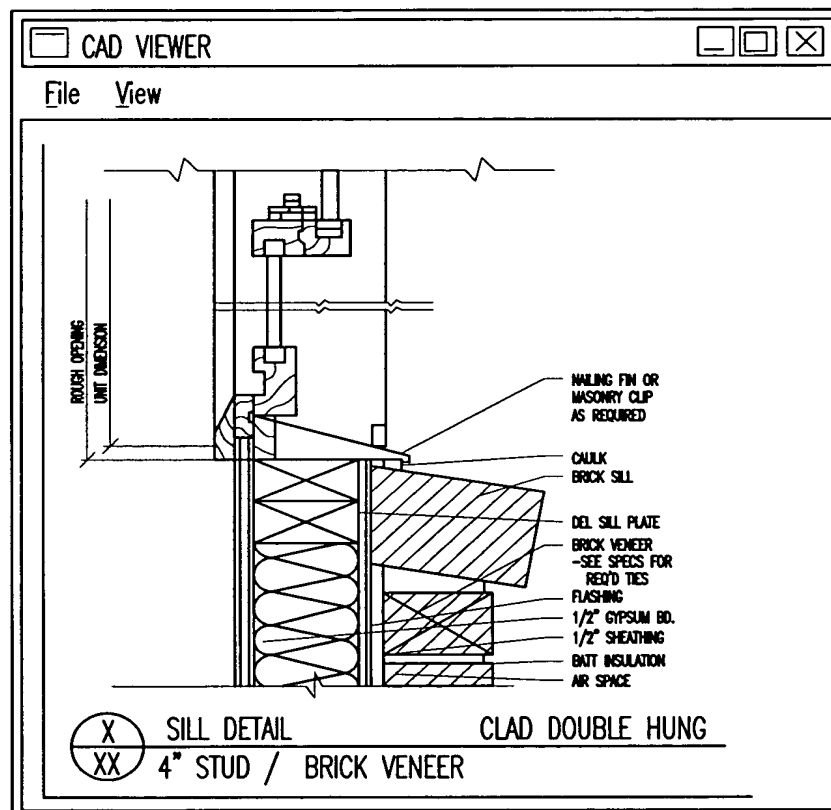


FIG. 20b

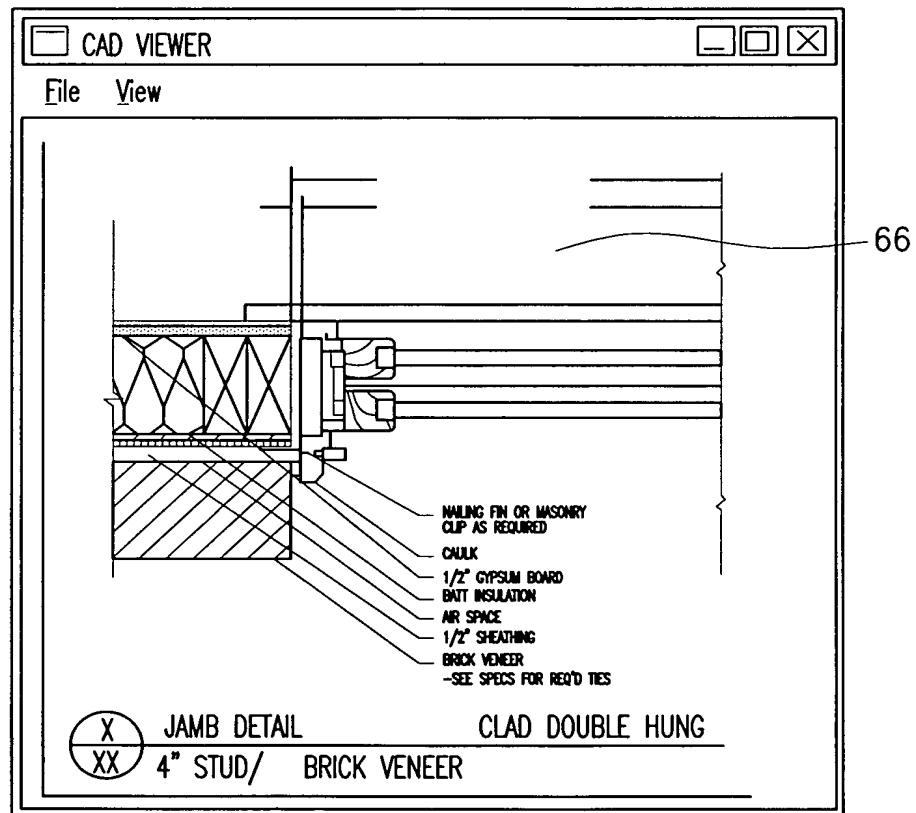


FIG. 20c

m2o Demo

File

Edit

View

Project

Mark

Sales Rep

Customer

Help

New Project

Edit Project

Delete Project

Import

Quote

Order Form

Schedule

New Mark

Open Mark

Delete Mark

Undo

Redo

Item

Location

Quantity

Product Code

Total Price

Current

Archived

All Projects

Name	Sales Rep	Customer	Price	Export Date
Flinstone Farms II	Rick Strait	Henry Davidson		
Pillsbury Residence	Jack Spradigan	Ray Hill	2353.00	
			68	70

Sales Reps

Customers

FIG. 21a

Edit Project	
Quote # 000006	Sales Rep Jack Spradigan
Name Pillsbury Reside	Price Mult 1.0
Status	Date Wed Oct 04 16:44:04 2000
<div>Project Information</div> <div>Shipping Address</div> <div>Billing Address</div> <div>Copy from Customer</div> <div>Name Ray Hill</div> <div>Phone (770) 876-3425</div> <div>Fax (770) 876-3420</div> <div>Address1 461 Ocean Blvd</div> <div>Address2</div> <div>City Integrity</div> <div>State/Province GA</div> <div>Zip Code 30556</div> <div>Country</div> <div>Copy from Billing Address</div>	
<div>Customer Information</div> <div>Customer Ray Hill</div> <div>Tax 6.0000</div> <div>PO #</div> <div>Terms Net 30 Days</div> <div>Comments</div> <div><input checked="" type="radio"/> Delivery <input type="radio"/> Pickup</div>	
<div>Line Item Adjust</div> <div>Ok</div> <div>Cancel</div>	

FIG. 21b



m2o Demo

File

Edit

View

Project

Mark

Sales Rep

Customer

Help

New Project

Edit Project

Delete Project

Import

Quote

Order Form

Schedule

New Mark

Open Mark

Delete Mark

Undo

Redo

Item

Location

Quantity

Product Code

Total Price

Manufacturer

Current

Archived

All Projects

Sales Reps

Customer

Administrator

Jack Spradigan

Rick Strait

Customers

FIG. 22a

76 78

Edit SalesRep

ID #

000002

Set Password

Name

Jack Spradigan

Security Groups

Territory

Territory 1

Phone

(615) 371-3848

Fax

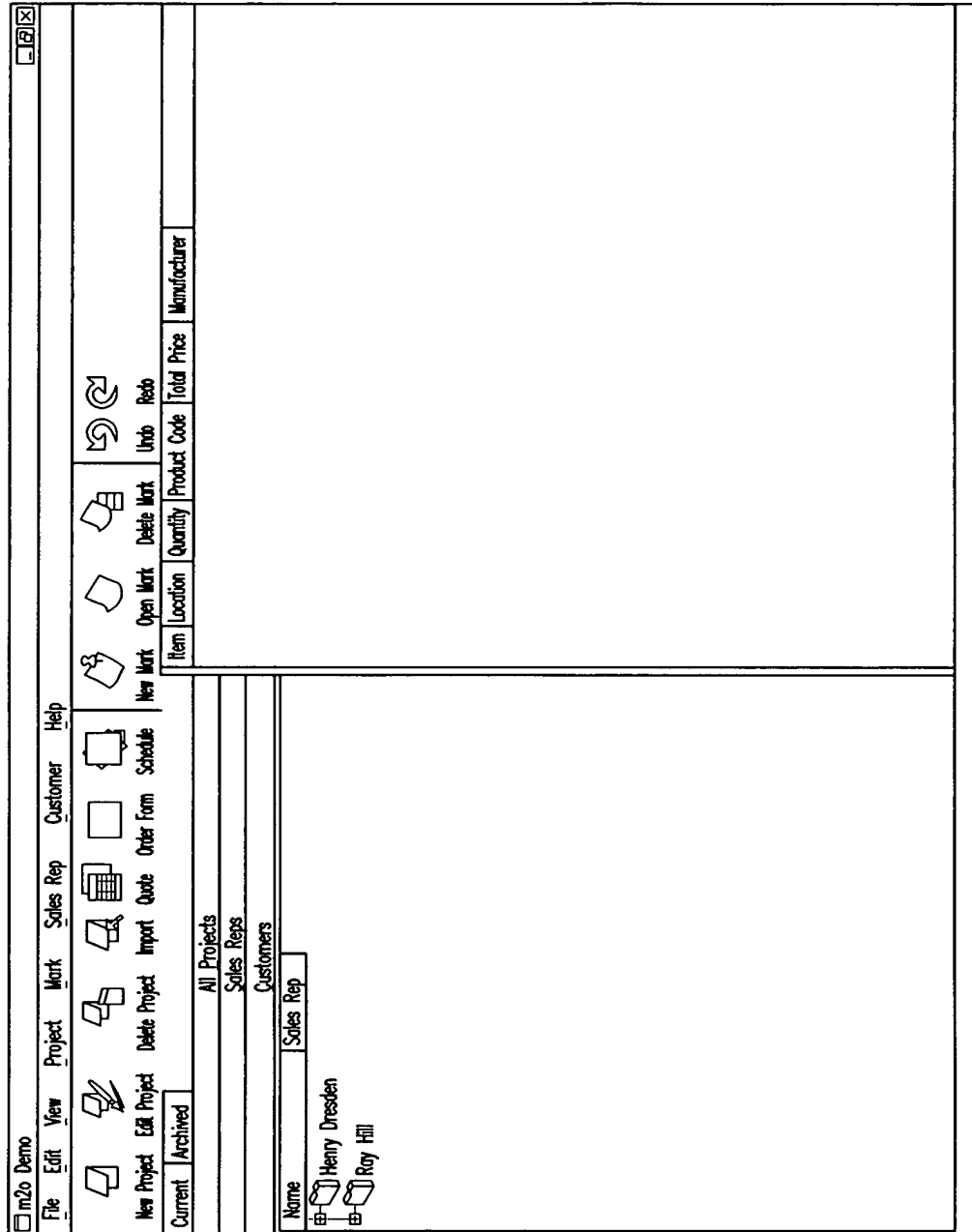
(615) 371-3023

Ok

Cancel

80 82 84

FIG. 22b



**FIG. 23a**

**FIG. 23b**

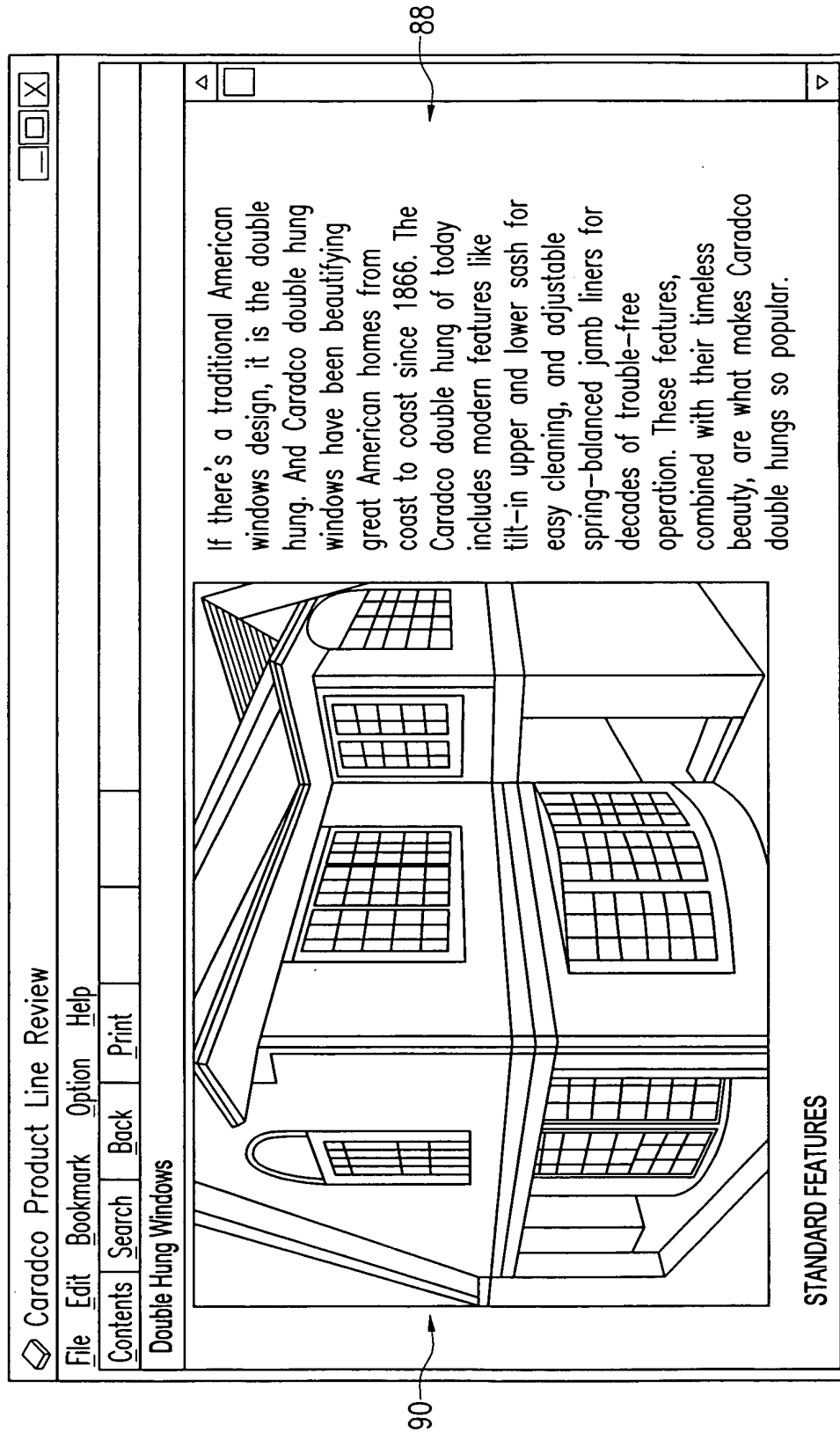


FIG. 24

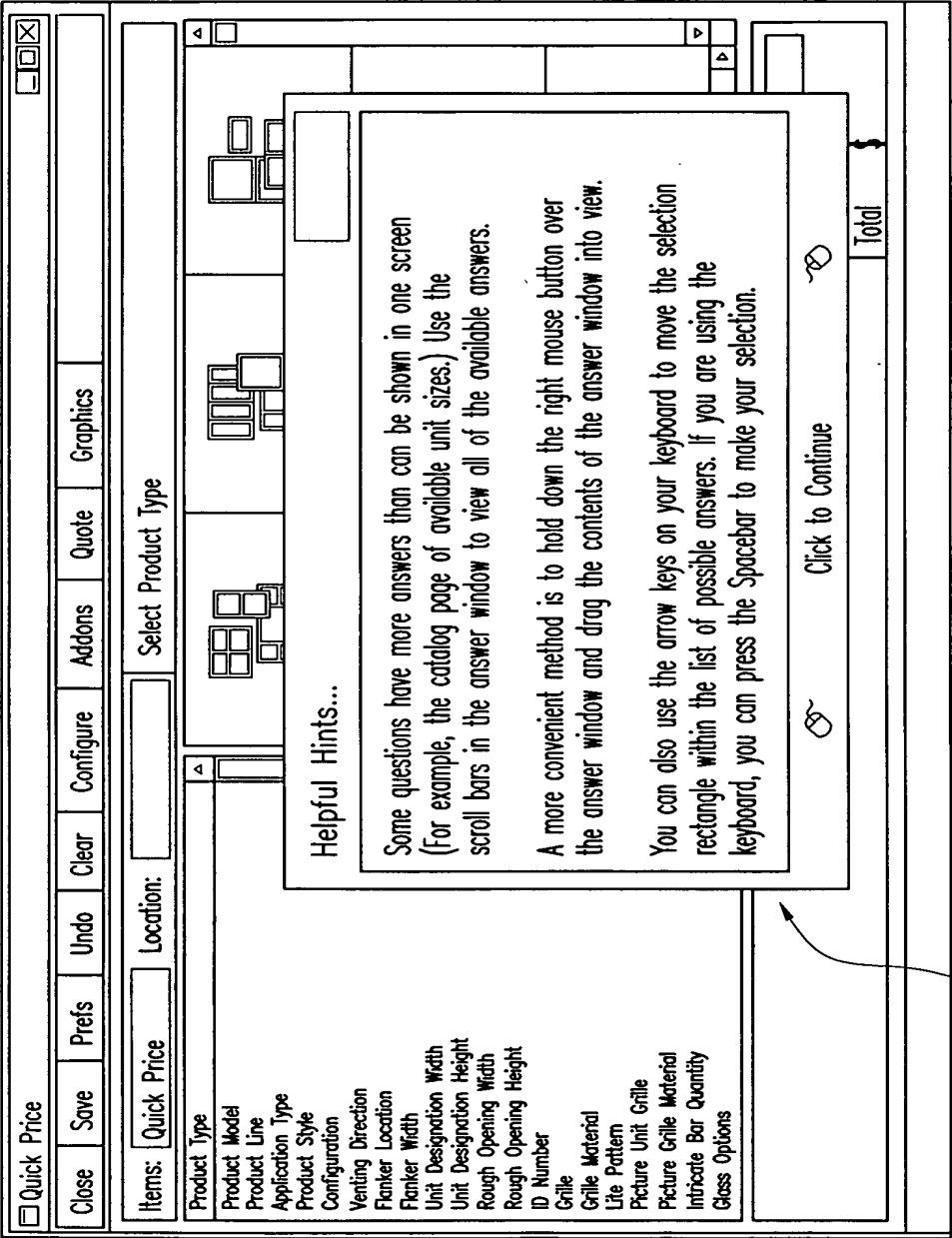


FIG. 25

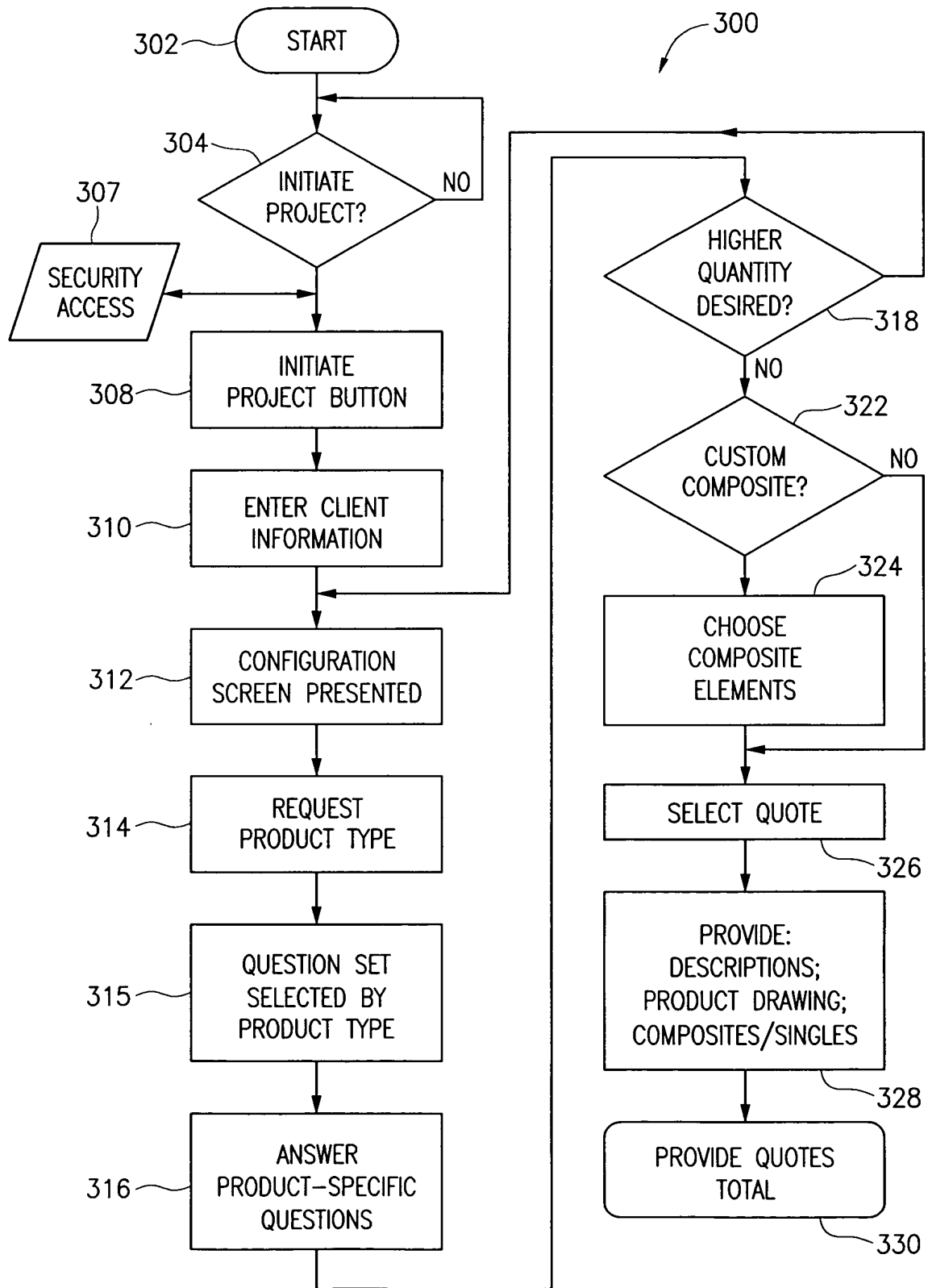
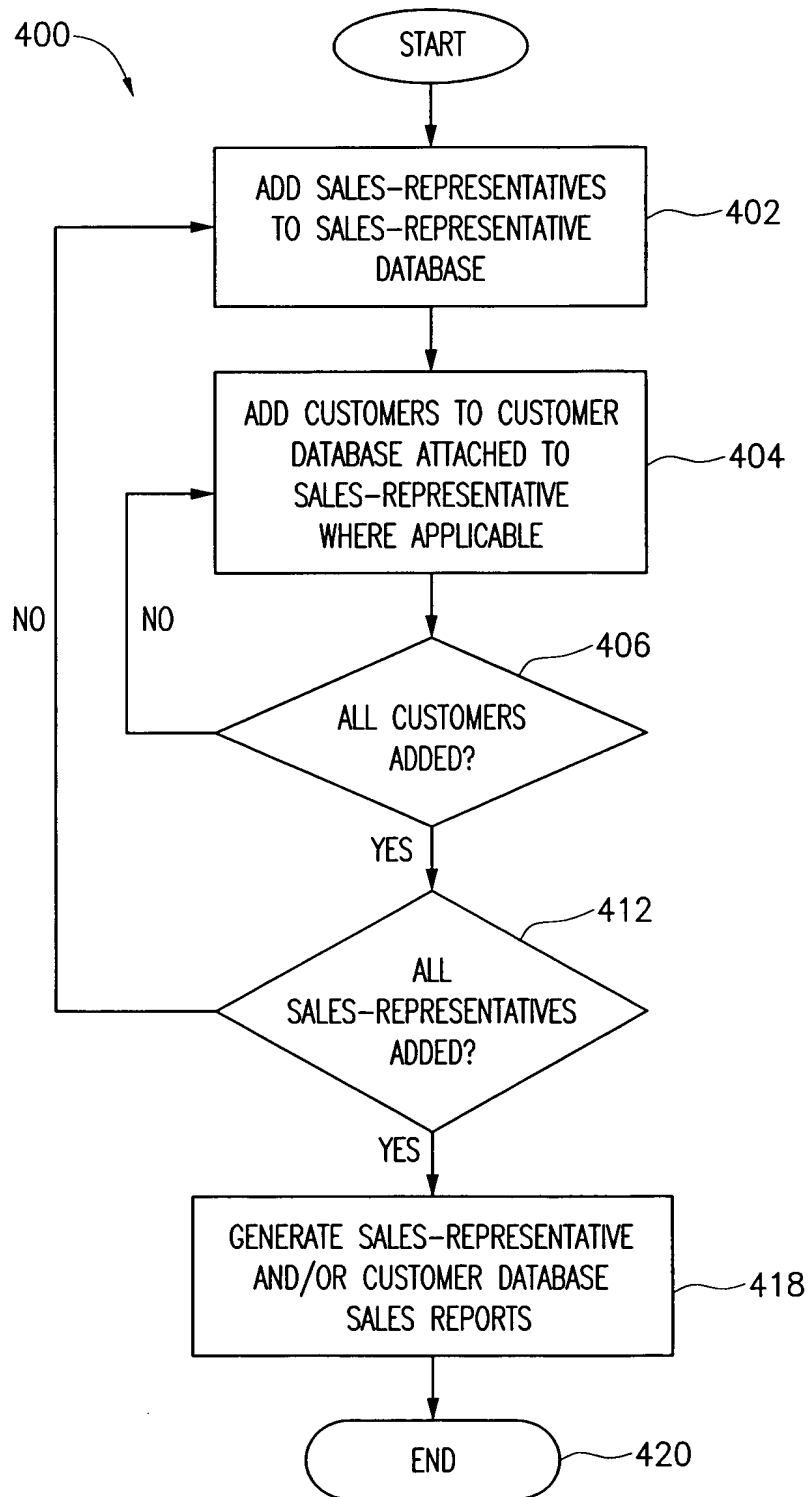
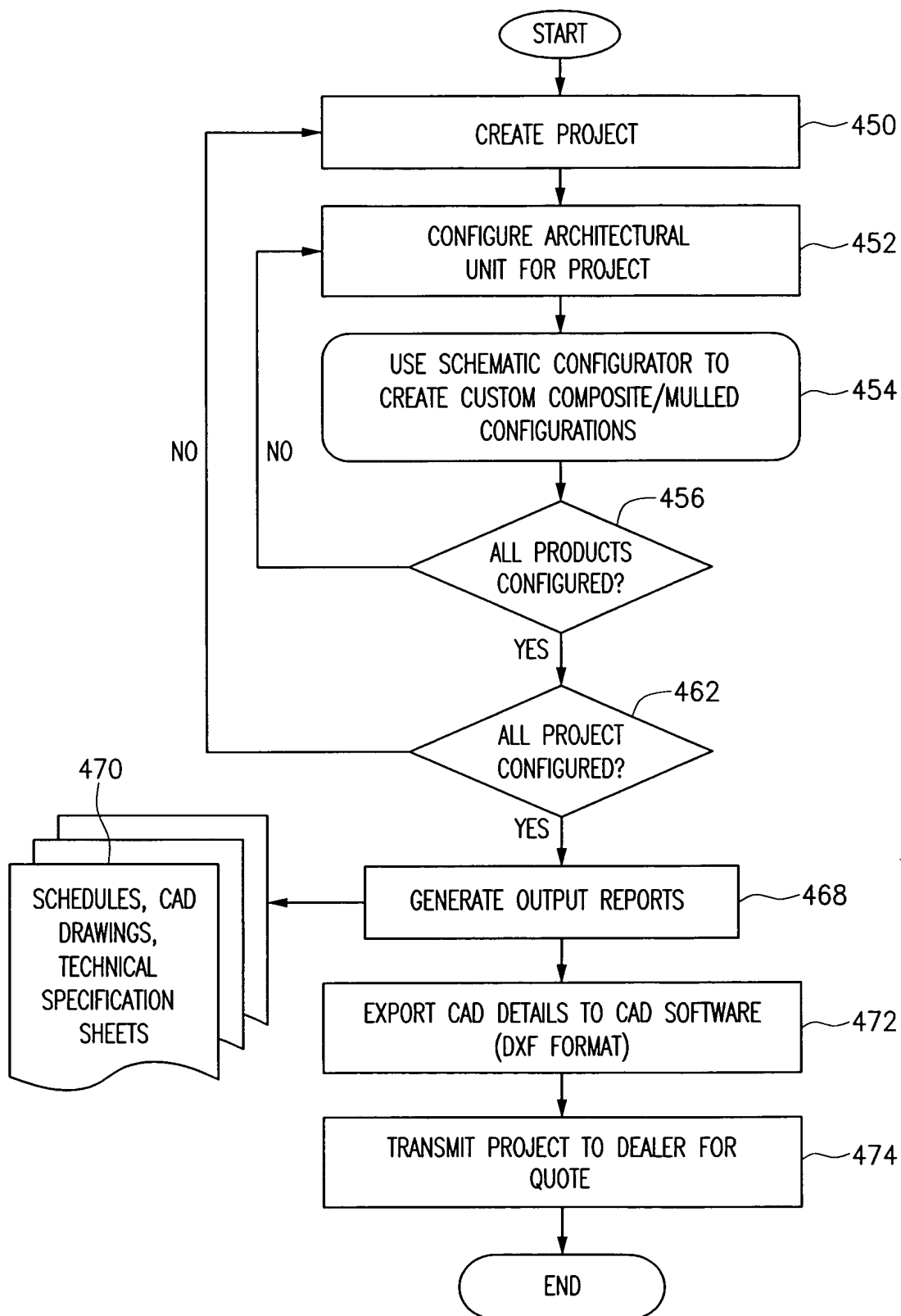


FIG. 26

**FIG. 27**



**FIG. 28**

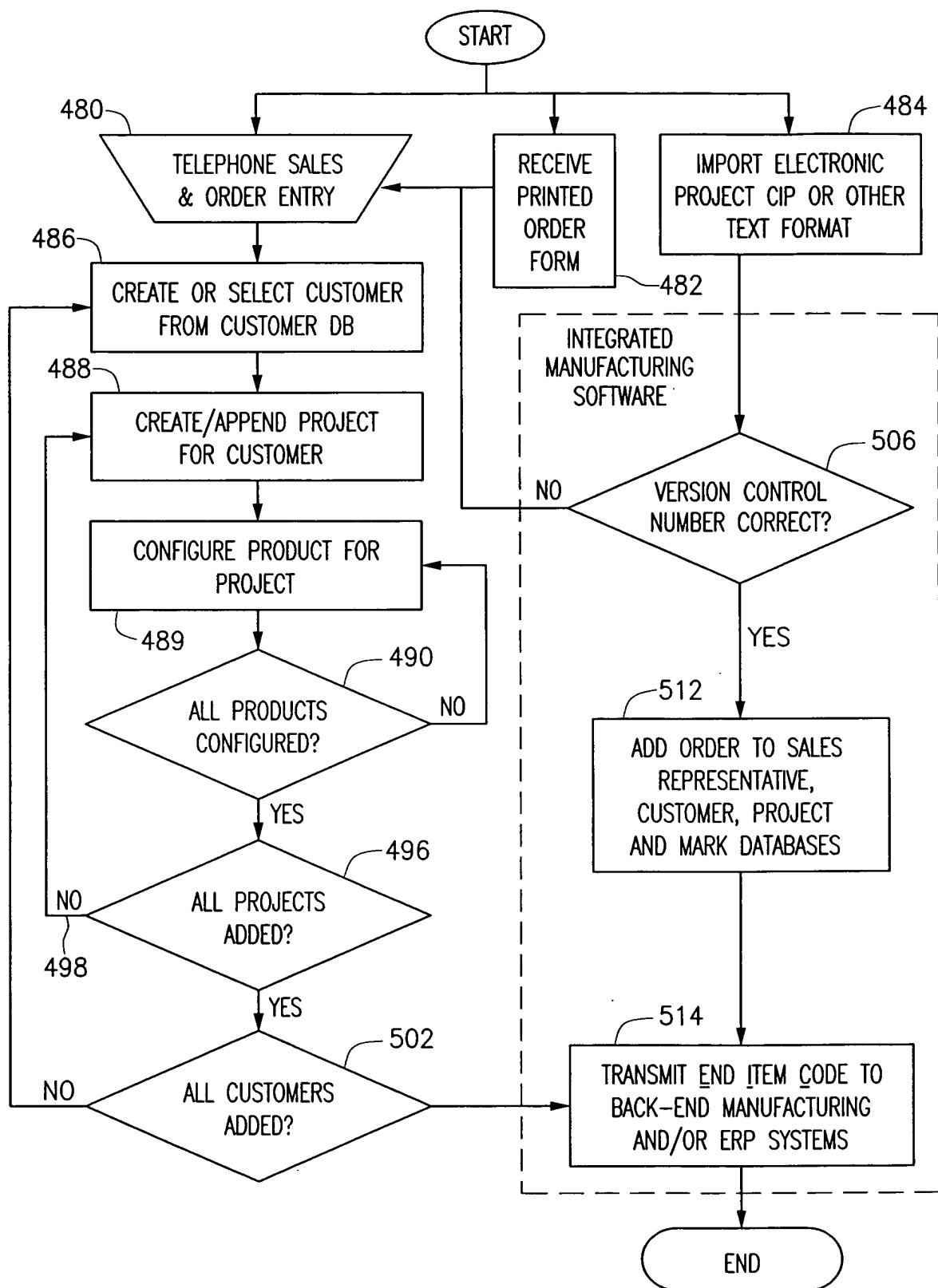
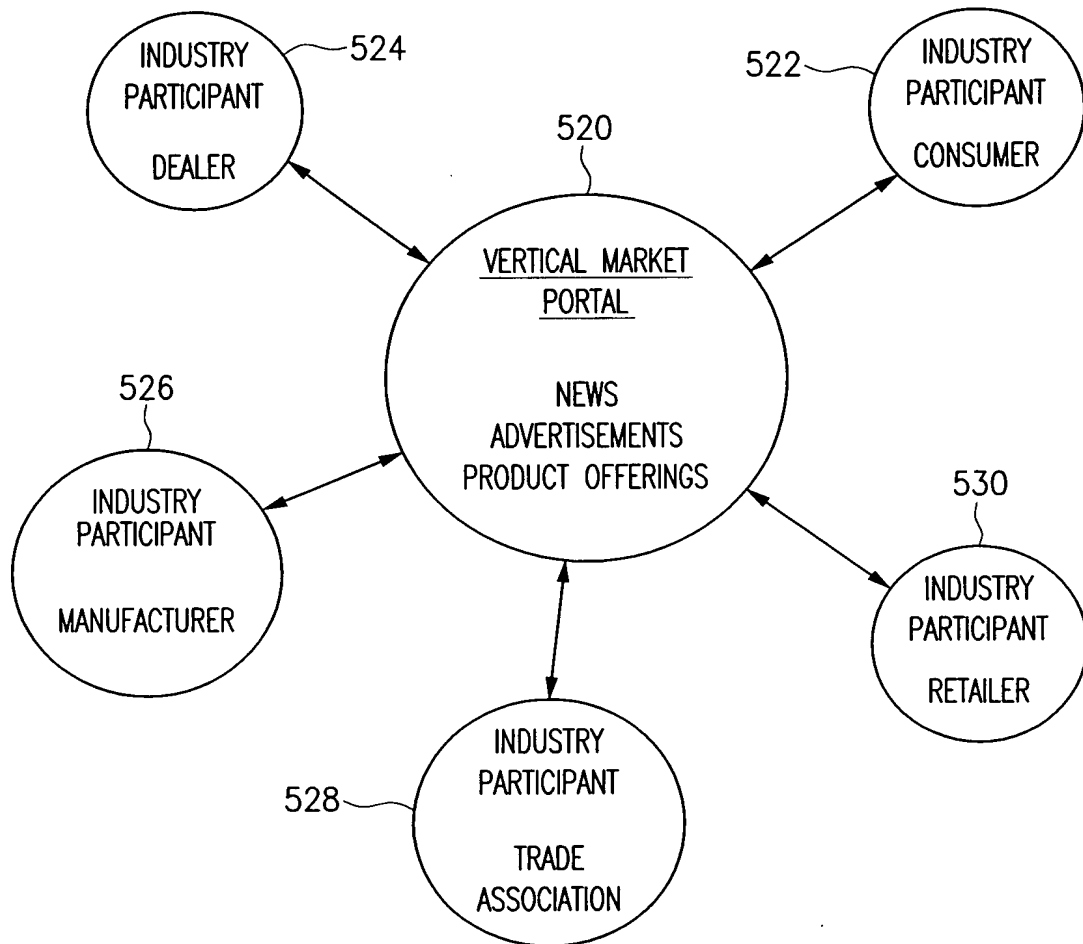
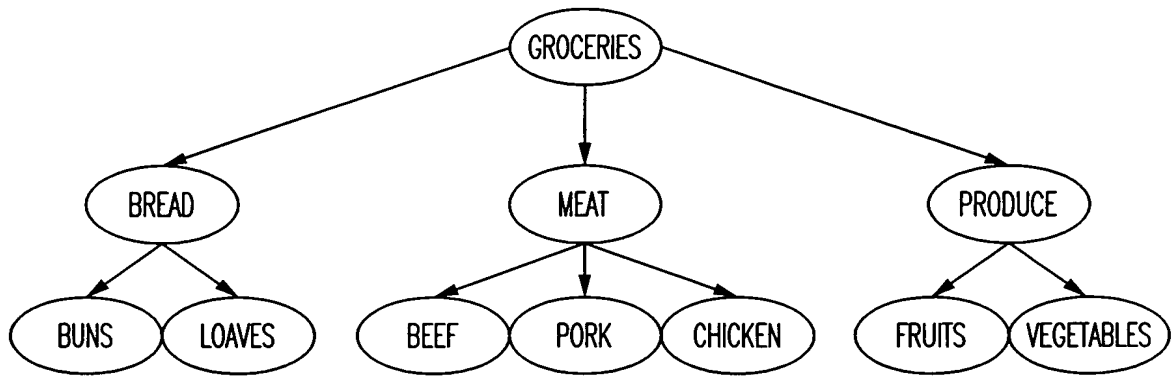
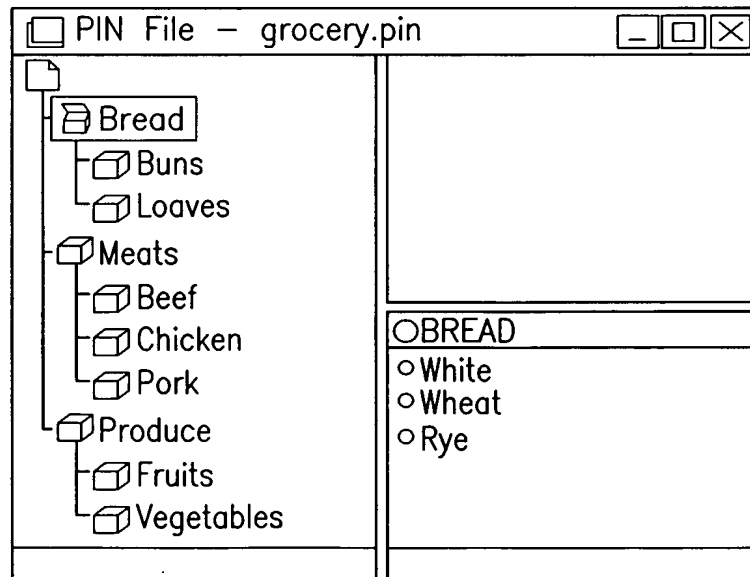


FIG. 29

**FIG. 30**



**FIG. 31**



**FIG. 32**